

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD OF HEATING A SUBSTRATE IN A VARIABLE TEMPERATURE PROCESS USING A FIXED TEMPERATURE CHUCK; the specification of which was filed on **September 10, 2003** as Application Serial No. **10/660,359**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: 60/410,343

Filing Date: September 10, 2002

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole inventor: **Gerald Cox**

Inventor's signature

Gerald M. Cox

Date

Dec. 19, 2003

Residence: 178 Watermark Terrace, Hercules, CA 94547

~~3385 Stage Coach Drive, Lafayette, CA 94549~~

Citizenship: U.S.

Post Office Address: **Same as above**

Send Correspondence To:

KNOBBE, MARTENS, OLSON & BEAR, LLP

Customer No. 20,995



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gerald Cox)
App. No. : 10/660,359)
Filed : September 10, 2003)
For : METHOD OF HEATING A)
SUBSTRATE IN A VARIABLE)
TEMPERATURE PROCESS USING)
A FIXED TEMPERATURE CHUCK)
Examiner : Unknown)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040

App. No. : 10/660,359
Filed : September 10, 2003

Main Street, Fourteenth Floor, Irvine, California 92614, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

Axcelis Technologies, Inc.

Dated: 1/16/04

By: 
Lynette C. Fallon

Title: Senior Vice-President & Chief Legal
Counsel

Address: 55 Cherry Hill Drive
Beverly, MA 01915-1053

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COPY

ASSIGNMENT

WHEREAS I, Gerald Cox of ^{Hercules} ~~Lafayette~~, California have invented certain new and useful improvements in a **METHOD OF HEATING A SUBSTRATE IN A VARIABLE TEMPERATURE PROCESS USING A FIXED TEMPERATURE CHUCK** for which I executed an application for a United States Patent and for which said application for United States Patent was filed on September 10, 2003, under Patent Application Serial No. 10/660,359.

WHEREAS, I hereby authorize and request the attorney(s) and/or agent(s) empowered to act on my behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, Axcelis Technologies, Inc., a corporation of the State of Delaware, with a place of business at 55 Cherry Hill Drive, Beverly, Massachusetts, 01915, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I hereby agree that, upon request, I will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

By: Gerald M. Cox
Gerald Cox

Dated: Dec. 19, 2003

Witnessed by: PL BT 12/19/03 Paula Barton
Signature and Date Printed Name of Witness